# CONTENTS

## No. 1. JANUARY, 1956


PAGE

CALIBRE CHANGES IN RETINAL VESSELS OCCURRING IN RAISED OCULAR TENSION. CIRCULATORY COMPENSATION IN CHRONIC GLAUCOMA. J. H. Dobree ... ... ... ... ... ... ... ... 1

RETINITIS PIGMENTOSA. PATHOLOGICAL FINDINGS IN TWO CASES. D. R. Lucas ... ... ... ... ... ... ... ... ... ... 14

SOME OCULAR MANIFESTATIONS OF PREMATURITY. N. L. McNeil ... ... 24

HYPOTONY AFTER CATARACT EXTRACTION. John H. Dunnington ... ... 30

UNILATERAL BUDDING IN NEW VESSEL FORMATION IN THE EYE. I. C. Michaelson ... ... ... ... ... ... ... ... ... 36

AUDIOMETRIC AND VESTIBULAR EXAMINATIONS IN RETINITIS PIGMENTOSA. J. Landau and M. Feinmesser ... ... ... ... ... ... 40

VASCULARIZATION OF THE OPTIC PATHWAY. III. STUDY OF THE INTRA-ORBITAL and INTRA-CRANIAL OPTIC NERVE BY SERIAL SECTIONS. J. François and A. Neetens ... ... ... ... ... ... ... 45

HYALURONIDASE IN OCULAR TISSUES. II. HYALURONIDASE IN THE TISSUES OF THE RABBIT'S EYE. G. Mayer, I. C. Michaelson, and N. Herz ... 53

CASE NOTES: BLINDNESS AFTER SNAKE-BITE. A. Guttmann-Friedmann ... 57

APPLIANCES: OPHTHALMIC NEEDLE HOLDER. John Foster ... ... ... 60

SHADE ATTACHED TO SPECTACLE FRAME TO PROTECT FROM GLARE IN EARLY OR PREMATURE CATARACT. H. Neame ... ... ... ... ... 61


## No. 2. FEBRUARY, 1956


ANASTOMOSES BETWEEN THE RETINAL AND CILIARY ARTERIAL CIRCULATIONS. Kenneth C. Wybar ... ... ... ... ... ... ... ... ... 65

CORNEAL DYSTROPHY ASSOCIATED WITH CONGENITAL ICHTHYOSIS AND ALLERGIC MANIFESTATIONS IN MALE MEMBERS OF A FAMILY. L. H. Savin ... ... ... ... ... ... ... ... ... ... ... 82

CHOROIDAL SCLEROSIS. A POSSIBLE INTERMEDIATE SEX-LINKED FORM. Arnold Sorsby and Mary Savory ... ... ... ... ... ... 90

USE OF MIOTICS IN SQUINT SURGERY. John Whitwell and Audrey Preston... 96

*IN VITRO* SENSITIVITY OF *MICROCOCCUS PYOGENES* TO THE COMMONLY USED ANTIBIOTICS. APPLICATION OF THESE TESTS TO THE TREATMENT OF BACTERIAL OCULAR INFECTION. Ted Suie, William H. Havener, and Stanley A. Sroufe ... ... ... ... ... ... ... ... 100

COMPRESSION OF THE AQUEOUS OUTLETS. H. Lytton ... ... ... ... 104

ELECTRO-OCULOGRAPHY AS A FUNCTIONAL TEST IN PATHOLOGICAL CONDITIONS OF THE FUNDUS. I. FIRST RESULTS. J. François, G. Verriest, and A. De Rouck ... ... ... ... ... ... ... ... ... 108

CONTENTS

PAGE

VISCOSITY AND COMPOSITION OF SOLUTIONS DERIVED FROM RABBIT VITREOUS HUMOUR. S. A. Boruchoff and A. M. Woodin ... ... ... 113

CASE NOTES: UNUSUAL CASE OF INTERSTITIAL KERATITIS. P. Sivasubramaniam and T. Hoole ... ... ... ... ... ... ... 119

SYMPATHETIC OPHTHALMIA. M. E. Cameron and D. P. Choyce ... ... 123

## No. 3. MARCH, 1956

SECTORAL DISTRIBUTION OF GONIOSYNECHIAE. Calbert I. Phillips ... 129

CLOSED-ANGLE GLAUCOMA. SIGNIFICANCE OF SECTORAL VARIATIONS IN ANGLE DEPTH. Calbert I. Phillips ... ... ... ... ... 136

MACULAR CYSTS: A DOMINANTLY INHERITED AFFECTION WITH A PROGRESSIVE COURSE. Arnold Sorsby, Mary Savory, J. B. Davey, and R. J. Leslie Fraser ... ... ... ... ... ... ... ... 144

TREATMENT OF CORNEAL INFECTIONS DUE TO *PSEUDOMONAS PYOCYANEUS* WITH POLYMYXIN B SULPHATE OINTMENT. D. P. Gurd ... ... ... 159

LEPROSY LESIONS OF THE FUNDUS OCULI. E. J. Somerset and N. R. Sen ... 167

MIGRATION OF INTRA-OCULAR FOREIGN BODIES. C. G. Tulloh ... ... 173

COMPARISON OF THE LAMINA CRIBROSA IN MAMMALIAN SPECIES WITH GOOD AND WITH INDIFFERENT VISION. Katharine Tansley ... ... ... 178

CASE NOTES: COENURUS CYST OF THE EYE. A. J. Boase ... ... ... 183

OSTEOMA OF ORBIT. J. R. Wheeler ... ... ... ... ... ... 186

APPLIANCES: A NEW OCCLUDER. K. H. Mehta ... ... ... ... 188

CORNEAL NEEDLE. A MODIFICATION. P. Jameson Evans ... ... 189

## No. 4. APRIL, 1956

HISTORIES OF SOME EYE CONDITIONS AND THEIR GENERAL MEDICAL BACKGROUND. Euphan Maxwell ... ... ... ... ... ... 193

CORNEAL TREPHINING FOR PENETRATING KERATOPLASTY. J. S. Speakman and J. D. Jones ... ... ... ... ... ... ... ... 216

SOME RESULTS OF THE PREZIOSI OPERATION. T. Stuart-Black Kelly... ... 222

EXPERIMENTAL AND CLINICAL INVESTIGATIONS INTO THE RESISTANCE TO OUTFLOW OF AQUEOUS HUMOUR IN NORMAL SUBJECTS. R. Weekers, M. Watillon, and M. de Rudder ... ... ... ... ... ... 225

FALSE POSITION OF THE POSTERIOR POLE AS A FUNDUS LANDMARK. James Fison ... ... ... ... ... ... ... ... ... ... 234

CASE NOTES: SCLERODERMA OF THE CORNEA. E. F. Coyle ... ... ... 239

RETINITIS PUNCTATA ALBESCENS WITH PIGMENTATION. A. M. B. Golding 242

TRAUMATIC IMPLANTATION CYST IN ANTERIOR CHAMBER AFTER CATARACT EXTRACTION. J. R. Wheeler ... ... ... ... ... ... 245

IRIS BOMBÉ AND THE INTERMEDIATE MESODERM IN CLOSED-ANGLE GLAUCOMA. S. J. H. Miller ... ... ... ... ... ... ... 248

CONTENTS


PAGE

SPONTANEOUS HAEMATOMA OF THE ORBIT. John Whitwell ... ... 250

LEONTIASIS OSSEA. N. S. Jain, D. V. Sethi, and Om Parkash ... ... 252

BILATERAL DISLOCATION OF THE LENS. S. N. Mitter ... ... ... 253


## No. 5. MAY, 1956


ANATOMICAL STUDIES OF THE TRABECULAR MESHWORK OF THE NORMAL HUMAN EYE. Norman Ashton, Alfred Brini, and Redmond Smith ... 257

CORRELATION OF THE SYSTEMIC AND INTRA-OCULAR EFFECTS OF DIAMOX. Dorothy A. Campbell, Eva L. Tonks, and Mary Jones ... ... ... 283

CONTACT LENSES IN TREATMENT OF KERATOCONUS. Frederick Ridley ... 295

ELECTRO-OCULOGRAPHY AS A FUNCTIONAL TEST IN PATHOLOGICAL CONDITIONS OF THE FUNDUS. II. BASE-VALUE AND DROP DURING DARK ADAPTATION. J. François, G. Verriest, and A. De Rouck ... ... 305


## No. 6. JUNE, 1956


FACTORS AFFECTING THE HYDRATION OF THE CORNEA IN THE EXCISED EYE AND THE LIVING ANIMAL. Maurice E. Langham and Irvin S. Taylor... 321

VASCULARIZATION OF THE OPTIC PATHWAY. IV. OPTIC TRACT AND EXTERNAL GENICULATE BODY. J. François, A. Neetens, and J. M. Collette ... ... ... ... ... ... ... ... ... 341

DESCRIPTION OF BEHÇET'S SYNDROME IN THE HIPPOCRATIC THIRD BOOK OF ENDEMIC DISEASES. Aryeh Feigenbaum ... ... ... ... ... 355

BLOOD IN THE CANAL OF SCHLEMM. Redmond Smith ... ... ... 358

NORMAL INTRA-OCULAR PRESSURE. M. Alimuddin ... ... ... ... 366

CONCOMITANT ESOTROPIA OF LATE ONSET. PATHOLOGICAL REPORT OF FOUR CASES IN SIBLINGS. Atilio L. Norbis and Enrique Malbrán ... ... 373


## No. 7. JULY, 1956


RESTING POTENTIAL OF THE LENS. G. S. Brindley ... ... ... ... 385

PROBLEMS OF PERIPHERAL VISION. R. A. Weale ... ... ... ... 392

KERATO-CONJUNCTIVITIS SICCA AND THE COLLAGEN DISEASES. J. H. Ramage and W. F. Kinnear ... ... ... ... ... ... ... ... 416

CHAMBER DEPTH IN PRIMARY ACUTE GLAUCOMA. Ragnar Törnquist ... 421

CORTISONE THERAPY OF VISUAL LOSS IN TEMPORAL ARTERITIS. George Bennett ... ... ... ... ... ... ... ... ... 430

DIFFERENT APPROACH TO THE LACRIMAL SAC AREA. T. G. Wynne Parry ... 434

REPORT ON 104 CASES OF GLAUCOMA OPERATED UPON BY GALVANO-CAUTERY PUNCTURE. R. Colley ... ... ... ... ... ... ... 436

PAGE

PATHOLOGY OF THE *X*-WAVE OF THE HUMAN ELECTRORETINOGRAM. I. RED-BLINDNESS AND OTHER CONGENITAL FUNCTIONAL ABNORMALITIES. J. François, G. Verriest, and A. De Rouck ... ... ... ... 439

CONGENITAL OCULAR MOTOR APRAXIA. A FORM OF HORIZONTAL GAZE PALSY. Howard Reed and Sydney Israels ... ... ... ... 444

## No. 7. AUGUST, 1956

SPONTANEOUS REGRESSION OF RETINOBLASTOMA. J. K. Steward, J. L. S. Smith, and E. L. Arnold ... ... ... ... ... ... ... 449

COMBINED FORMS OF CONGENITAL COLOUR DEFECTS. A PEDIGREE WITH ATYPICAL TOTAL COLOUR BLINDNESS. R. A. Crone ... ... ... 462

HISTOPATHOLOGICAL STUDIES OF EYES ENUCLEATED AFTER FAILURE OF INTRA-OCULAR ACRYLIC LENS OPERATIONS. Redmond Smith ... ... 473

ANGIOID STREAKS AND PSEUDOXANTHOMA ELASTICUM. C. G. Keith ... 480

CARBONIC ANHYDRASE IN THE VITREOUS BODY. J. Gloster ... ... ... 487

ECTOPIA OF THE MACULA. Ian W. Payne and R. Pitts Crick ... ... 492

CAROTID-OPHTHALMIC ANASTOMOSES. FREQUENCY OF EXTERNAL CAROTID AND OPHTHALMIC ARTERY ANASTOMOSES. Michael Shea ... ... 497

PROTEIN DEFICIENCY IN KERATOMALACIA. Yap-Kie-Tiong ... ... ... 502

CASE NOTES: SCLERAL GUMMA. B. N. Bhaduri and S. K. Basu ... ... 504

CONGENITAL FISTULA OF THE LACRIMAL GLAND. F. J. Damato ... ... 506

EPIDEMIC KERATO-CONJUNCTIVITIS IN THE CLYDESIDE AREA. James Winning ... ... ... ... ... ... ... ... ... 509

APPLIANCE: AN ACCESSORY FOR THE OPERATING TABLE. H. Campbell Orr 510

## No. 9. SEPTEMBER, 1956

BLOOD VESSELS OF THE BULBAR CONJUNCTIVA. S. Spence Meighan ... 513

ROLE OF A DISTINCTIVE CHOROIDO-RETINAL LESION IN THE PATHOGENESIS OF RETINAL HOLE. A CLINICAL AND PATHOLOGICAL REPORT. I. C. Michaelson ... ... ... ... ... ... ... ... ... 527

REACTION BETWEEN DEHYDROASCORBIC ACID AND DIALYSED LENS EXTRACT *IN VITRO*. J. Gloster ... ... ... ... ... ... ... 536

EFFECT OF HYALURONIDASE ON THE VISCOSITY OF THE AQUEOUS HUMOUR. J. A. Beswick and Clement McCulloch ... ... ... ... ... 545

KERATOPLASTY IN XERODERMA PIGMENTOSUM. P. Sivasubramaniam ... 549

CLINICAL OBSERVATIONS OF ENDOCRINE EXOPHTHALMOS. J. Hauer ... 553

CASE NOTES: PARADOXICAL LID RETRACTION IN UNILATERAL CONGENITAL PTOSIS. N. S. Jain, D. V. Sethi, and Om Parkash ... ... ... 558

CONGENITAL FISTULA OF LACRIMAL DUCT. M. Malhotra ... ... 559

CONTENTS


PAGE

NEURILEMMOMA OF ORBIT. H. Skeoch ... ... ... ... ... 562

HERPES OPHTHALMICUS. Doris Rose ... ... ... ... ... 564

HEREDITARY POSTERIOR POLAR CATARACT. C. G. Tulloh ... ... 566

EPISCLERAL MICROANEURYSMS. C. K. Kanagasundaram ... ... ... 568

POST-INFLAMMATORY ECTOPIA OF THE MACULA RESULTING IN APPARENT HYPERTROPIA. W. S. Foulds ... ... ... ... ... ... 571

KAPOSI'S DISEASE MANIFESTING IN THE EYE. Ian Sacks ... ... ... 574

APPLIANCE: MAGNETIC ORBITAL IMPLANT. M. J. Roper-Hall ... ... 575


## No. 10. OCTOBER, 1956


TREATMENT OF UVEITIS WITH PYRIMETHAMINE (DARAPRIM). E. S. Perkins, C. H. Smith, P. B. Schofield, and others ... ... ... ... ... 577

ASSESSMENT OF IRIS NEOPLASMS. Frank W. Law and Peter Hansell ... 587

RADIOTHERAPY IN THE TREATMENT OF ORBITAL TUMOURS. M. Lederman ... 592

THE BRITISH STANDARD FOR SPECTACLE LENSES. Nigel Cridland ... ... 611

MEASUREMENT OF LENS POWERS AND DESIGN OF TRIAL CASE LENSES. ... 613

OCULAR SYMPTOMS IN GLANDULAR FEVER. I. M. Librach ... ... ... 619

FORTY-SEVEN CONSECUTIVE CASES OF INTRA-OCULAR FOREIGN BODY. Philip R. Stevens ... ... ... ... ... ... ... ... ... 622

AMBLYOPIA. G. V. Catford ... ... ... ... ... ... ... 633

THE R.A.F. NEAR-POINT RULE. J. C. Neely ... ... ... ... 636


## No. 11. NOVEMBER, 1956


STEREOPSIS AND DEPTH PERCEPTION AFTER TREATMENT FOR CONVERGENT SQUINT. E. J. Naylor, T. E. Shannon, and A. Stanworth ... ... 641

STANDARD CURVE AND THE PHYSIOLOGICAL LIMITS OF DARK ADAPTATION BY MEANS OF THE GOLDMANN-WEEKERS ADAPTOMETER. P. Dieterle and E. Gordon ... ... ... ... ... ... ... ... ... 562

BEHAVIOUR OF *PS. PYOCYANEA* IN DIFFERENT CONCENTRATIONS OF PENICILLIN. E. G. Millwood and M. Klein ... ... ... ... ... ... 656

ANAESTHESIA FOR INTRA-OCULAR SURGERY. J. Kennedy Harper ... ... 661

STERILIZATION OF INTRA-OCULAR ACRYLIC LENS PROSTHESES WITH ULTRA-VIOLET RAYS. C. D. Binkhorst and F. P. Flu ... ... ... ... 665

LYMPHOCYTOMA OF THE ORBIT. B. K. Das Gupta, G. C. Sen, and R. K. Basu ... ... ... ... ... ... ... ... ... ... 669

EPIPHORA AND THE BONY NASO-LACRIMAL CANAL. Calbert I. Phillips and Marian George ... ... ... ... ... ... ... ... 673

PLASMOCYTOMA OF THE ORBIT. John F. Cogan ... ... ... ... 681

PROGRESSIVE EXTERNAL OPHTHALMOPLEGIA. F. D. McAuley ... ... 686

KERATO-CONJUNCTIVITIS IN CEYLON. Lloyd M. Weerekoon ... ... 691

CONTENTS

PAGE

PATHOLOGY OF THE *X*-WAVE OF THE HUMAN ELECTRORETINOGRAM. I. RED-BLINDNESS AND OTHER CONGENITAL FUNCTIONAL ABNORMALITIES. J. François, G. Verriest, and A. De Rouck ... ... ... ... 439

CONGENITAL OCULAR MOTOR APRAXIA. A FORM OF HORIZONTAL GAZE PALSY. Howard Reed and Sydney Israels ... ... ... ... 444

## No. 7. AUGUST, 1956

SPONTANEOUS REGRESSION OF RETINOBLASTOMA. J. K. Steward, J. L. S. Smith, and E. L. Arnold ... ... ... ... ... ... ... 449

COMBINED FORMS OF CONGENITAL COLOUR DEFECTS. A PEDIGREE WITH ATYPICAL TOTAL COLOUR BLINDNESS. R. A. Crone ... ... ... 462

HISTOPATHOLOGICAL STUDIES OF EYES ENUCLEATED AFTER FAILURE OF INTRA-OCULAR ACRYLIC LENS OPERATIONS. Redmond Smith ... ... 473

ANGIOID STREAKS AND PSEUDOXANTHOMA ELASTICUM. C. G. Keith ... 480

CARBONIC ANHYDRASE IN THE VITREOUS BODY. J. Gloster ... ... ... 487

ECTOPIA OF THE MACULA. Ian W. Payne and R. Pitts Crick ... ... 492

CAROTID-OPHTHALMIC ANASTOMOSES. FREQUENCY OF EXTERNAL CAROTID AND OPHTHALMIC ARTERY ANASTOMOSES. Michael Shea ... ... 497

PROTEIN DEFICIENCY IN KERATOMALACIA. Yap-Kie-Tiong ... ... ... 502

CASE NOTES: SCLERAL GUMMA. B. N. Bhaduri and S. K. Basu ... ... 504

CONGENITAL FISTULA OF THE LACRIMAL GLAND. F. J. Damato ... ... 506

EPIDEMIC KERATO-CONJUNCTIVITIS IN THE CLYDESIDE AREA. James Winning ... ... ... ... ... ... ... ... ... 509

APPLIANCE: AN ACCESSORY FOR THE OPERATING TABLE. H. Campbell Orr 510

## No. 9. SEPTEMBER, 1956

BLOOD VESSELS OF THE BULBAR CONJUNCTIVA. S. Spence Meighan ... 513

ROLE OF A DISTINCTIVE CHOROIDO-RETINAL LESION IN THE PATHOGENESIS OF RETINAL HOLE. A CLINICAL AND PATHOLOGICAL REPORT. I. C. Michaelson ... ... ... ... ... ... ... ... ... 527

REACTION BETWEEN DEHYDROASCORBIC ACID AND DIALYSED LENS EXTRACT *IN VITRO*. J. Gloster ... ... ... ... ... ... ... 536

EFFECT OF HYALURONIDASE ON THE VISCOSITY OF THE AQUEOUS HUMOUR. J. A. Beswick and Clement McCulloch ... ... ... ... ... 545

KERATOPLASTY IN XERODERMA PIGMENTOSUM. P. Sivasubramaniam ... 549

CLINICAL OBSERVATIONS OF ENDOCRINE EXOPHTHALMOS. J. Hauer ... 553

CASE NOTES: PARADOXICAL LID RETRACTION IN UNILATERAL CONGENITAL PTOSIS. N. S. Jain, D. V. Sethi, and Om Parkash ... ... ... 558

CONGENITAL FISTULA OF LACRIMAL DUCT. M. Malhotra ... ... 559

CONTENTS


PAGE

NEURILEMMOMA OF ORBIT. H. Skeoch ... ... ... ... ... 562

HERPES OPHTHALMICUS. Doris Rose ... ... ... ... ... 564

HEREDITARY POSTERIOR POLAR CATARACT. C. G. Tulloh ... ... 566

EPISCLERAL MICROANEURYSMS. C. K. Kanagasundaram ... ... ... 568

POST-INFLAMMATORY ECTOPIA OF THE MACULA RESULTING IN APPARENT HYPERTROPIA. W. S. Foulds ... ... ... ... ... ... 571

KAPOSI'S DISEASE MANIFESTING IN THE EYE. Ian Sacks ... ... ... 574

APPLIANCE: MAGNETIC ORBITAL IMPLANT. M. J. Roper-Hall ... ... 575


## No. 10. OCTOBER, 1956


TREATMENT OF UVEITIS WITH PYRIMETHAMINE (DARAPRIM). E. S. Perkins, C. H. Smith, P. B. Schofield, and others ... ... ... ... ... 577

ASSESSMENT OF IRIS NEOPLASMS. Frank W. Law and Peter Hansell ... 587

RADIOTHERAPY IN THE TREATMENT OF ORBITAL TUMOURS. M. Lederman ... 592

THE BRITISH STANDARD FOR SPECTACLE LENSES. Nigel Cridland ... ... 611

MEASUREMENT OF LENS POWERS AND DESIGN OF TRIAL CASE LENSES. ... 613

OCULAR SYMPTOMS IN GLANDULAR FEVER. I. M. Librach ... ... ... 619

FORTY-SEVEN CONSECUTIVE CASES OF INTRA-OCULAR FOREIGN BODY. Philip R. Stevens ... ... ... ... ... ... ... ... ... ... 622

AMBLYOPIA. G. V. Catford ... ... ... ... ... ... ... 633

THE R.A.F. NEAR-POINT RULE. J. C. Neely ... ... ... ... 636


## No. 11. NOVEMBER, 1956


STEREOPSIS AND DEPTH PERCEPTION AFTER TREATMENT FOR CONVERGENT SQUINT. E. J. Naylor, T. E. Shannon, and A. Stanworth ... ... 641

STANDARD CURVE AND THE PHYSIOLOGICAL LIMITS OF DARK ADAPTATION BY MEANS OF THE GOLDMANN-WEEKERS ADAPTOMETER. P. Dieterle and E. Gordon ... ... ... ... ... ... ... ... ... 562

BEHAVIOUR OF *PS. PYOCYANEA* IN DIFFERENT CONCENTRATIONS OF PENICILLIN. E. G. Millwood and M. Klein ... ... ... ... ... ... 656

ANAESTHESIA FOR INTRA-OCULAR SURGERY. J. Kennedy Harper ... ... 661

STERILIZATION OF INTRA-OCULAR ACRYLIC LENS PROSTHESES WITH ULTRA-VIOLET RAYS. C. D. Binkhorst and F. P. Flu ... ... ... ... 665

LYMPHOCYTOMA OF THE ORBIT. B. K. Das Gupta, G. C. Sen, and R. K. Basu ... ... ... ... ... ... ... ... ... ... 669

EPIPHORA AND THE BONY NASO-LACRIMAL CANAL. Calbert I. Phillips and Marian George ... ... ... ... ... ... ... ... 673

PLASMOCYTOMA OF THE ORBIT. John F. Cogan ... ... ... ... 681

PROGRESSIVE EXTERNAL OPHTHALMOPLEGIA. F. D. McAuley ... ... 686

KERATO-CONJUNCTIVITIS IN CEYLON. Lloyd M. Weerekoon ... ... 691

PAGE

EFFECTS OF CONTACT LENSES ON SHORT-WAVE FIELD DISTRIBUTION. B. O. Scott ... ... ... ... ... ... ... ... ... ... 696

METHOD OF CUTTING LAMELLAR GRAFTS. P. Sivasubramaniam ... ... 697

METHOD OF REMOVING WOODEN SPLINTERS FROM THE CORNEA. J. Moss ... 698

CERTAIN MODIFICATIONS IN MINOR LACRIMAL INSTRUMENTS. John Foster 700

## No. 12. DECEMBER, 1956

PERMEABILITY OF THE CORNEA AND THE BLOOD-AQUEOUS BARRIER TO OXYGEN. Kathleen Heald and Maurice E. Langham ... ... ... 705

OCULAR ALBINISM WITH CHANGES TYPICAL OF CARRIERS. Vagn Ohrt ... 721

VASCULARIZATION OF THE OPTIC PATHWAY. V. CHIASMA. J. François, A. Neetens, and J. M. Collette ... ... ... ... ... ... 730

ECZEMA OF THE EYELIDS. Peter Borrie ... ... ... ... ... 742

OXYPHENONIUM BROMIDE AS A MYDRIATIC. H. Fraser ... ... ... 751

ANOMALOUS DEVELOPMENT OF RETINAL VESSELS. Marjory B. Snodgrass ... 754

PARAPHIMOSIS ORBICULARIS. Lloyd M. Weerekoon ... ... ... ... 756

RHABDOMYOSARCOMA OF THE ORBIT. N. S. Jain, D. V. Sethi, and K. C. Mahajan ... ... ... ... ... ... ... ... ... 758

HERPES OPHTHALMICUS. R. S. MacLatchy ... ... ... ... ... 762